Index of Claims

Appl	lication	/Contr	ol No
------	----------	--------	-------

10/531,682 Examiner

Melissa A. Black

Applicant(s)/Patent under Reexamination

HESELHAUS, UDO

Art Unit

3612

√	Rejected
=	Allowed

_	(Through numeral) Cancelled
_	Restricted

Z	Non-Elected
_	Interference

A	Appeal
0	Objected

E D 1001 D	Claim			-			ate				\neg	Cla	aim				Dat	e			\neg	Γ	Cla	aim	_				ate				\neg
1			<u>"</u>	П	Т									П	T	\neg	Т			T		Γ											
1	<u> </u>	월	ջ								- 1	<u></u>	ina								- [1	ब्र	ina		l	- 1	1					ı
1	= =	<u> </u>	١٤	- {								置	'n							ı	- 1	-	证	rig		ł							, 1
Section Sect	0	7	=	ł								- [0	lŀ			-							O									
S	1	П	√	T	一	一				П	\neg		51	П			1			\neg	7	Г		101	\neg	\neg						\neg	
3	2	2		T	丁	\neg	\neg				7				\Box	T						Г		102								П	П
\$4	3	3		T	\neg	\neg							53	П	\neg							Г	•	103		\neg						乛	
106	4	1	√																														
107	5	5	√	T	T						\neg									T													
S	6	3	√	\prod												\perp																	
10			✓																														
10			✓																														
11					\perp																												
12 V				\perp	\perp	\perp			Ш					Ш		丄	ᆚ				_	L			\Box							∸	
13									Ш					Ш				\Box			_	L											,
14			√	\perp	4	_		Ш	Ш	Щ	\Box			Ш	_		1	Ш	\Box	_	\Box	L				\perp					\Box		
15				\perp	\perp				Ш		_			Ш	\perp		1	\sqcup				L				\Box						\Box	\Box
16			_	\perp	4	_			Ш	\perp	_	<u> </u>		Ш	_	\bot	_	Ш		\perp	_	L			_	_						_	
17			\perp		4	_		Ш	Ш	\perp	_	\vdash		Ш		_	4	\sqcup		4	_	L				_				\Box	$oxed{oxed}$		
18 19 118 119 119 119 119 120 120 120 120 121 120 121 121 121 121 122 122 123 123 124 122 123 124 122 123 124 124 125 126 126 127 128 128 128 128 128 129 129 129 129 129 129 129 129 129 129 129 129 130 131 131 131 131 131 132 133			_	4	4	_			Щ	4	_	_		Ш	_		+			\perp		L		116	_	_	_						
19 69 119 120 120 120 120 121 120 121 121 121 122 122 122 123 123 123 124 124 125 125 125 125 125 125 125 125 125 125 125 125 125 125 125 125 126 127 127 128 127 128 129 129 129 129 129 130 130 131 130 131 131 131 131 131 131 132 133 133 133 133 133 133 133 133 133 133 133 137 136 137 136 137 136 137 138 138 138 138 133 133 134 134 134 134 134 134 134 134 134 134 134 134 134 134 134 134 135 136 137 137 138 138 138 138 139			_	4	4	4	_				_			Ш	_	_		Ш		_	4	L			_	_	_			\perp		_	凵
20 121 121 121 121 121 121 122 122 123 123 123 123 123 123 124 125 125 125 126 127 125 126 127 127 126 127 127 128 128 129 129 129 130 130 130 131 132 130 131 132 133 133 133 133 133 133 133 133 133 133 133 133 133 134 134 134 134 134 134 134 134 134 134 134 135 136 137 138 138 139 139 139 139 139 139 139 140 141 142 144 14			_	\perp	_	4	_				_			Ш	_	\perp	↓	\perp				L		118		_	_			\Box			_
21 1 1 121 122 122 122 122 123 123 123 123 123 123 124 124 124 124 125 126 126 126 126 126 126 127 127 127 128 128 128 128 129 129 129 129 129 129 129 129 129 130 130 131 131 131 131 131 133 133 133 133 133 133 133 133 133 133 133 134 135 136 136 137 138 138 138 138 138 139 139 139 139 140 141 141 141 141 142 142 142 142 143 143 144 <td></td> <td></td> <td>_</td> <td>4</td> <td>4</td> <td>4</td> <td>_</td> <td></td> <td>·</td> <td>_</td> <td>_</td> <td></td> <td></td> <td>Ш</td> <td>_</td> <td>4</td> <td></td> <td></td> <td></td> <td>4</td> <td>_</td> <td>L</td> <td></td> <td>119</td> <td>_</td> <td>_</td> <td>_</td> <td></td> <td></td> <td></td> <td></td> <td>╧</td> <td>\dashv</td>			_	4	4	4	_		·	_	_			Ш	_	4				4	_	L		119	_	_	_					╧	\dashv
22 122 122 123 23 123 123 124 25 125 125 125 125 26 76 126 127 127 128 128 128 128 129 129 129 129 130 130 131 131 131 131 131 131 131 131 132 133 133 133 133 133 133 133 133 133 134 134 134 134 134 134 134 134 135 135 135 136 137 137 138 139 139 139 139 139 139 140 141 141 141 142 142 142 142 142 142 142 143 144 <td></td> <td></td> <td>4</td> <td>\perp</td> <td>_</td> <td>4</td> <td>_</td> <td></td> <td></td> <td>_</td> <td>_</td> <td></td> <td></td> <td>\sqcup</td> <td>_</td> <td></td> <td></td> <td></td> <td></td> <td>_</td> <td>_</td> <td>L</td> <td></td> <td></td> <td></td> <td></td> <td>_</td> <td></td> <td></td> <td>_</td> <td></td> <td></td> <td></td>			4	\perp	_	4	_			_	_			\sqcup	_					_	_	L					_			_			
23 73 74 123 124 124 124 124 125 126 127 127 128 127 128 129 128 129 128 129 129 130 130 130 131 131 131 132 133 134 134 134 135 135 136 136 137 138 136 137 138 139 139 139 140 141 142 142 143 144 14				\perp	4	4					_			Ш	_	_	4_	\perp	4	_	_	L				4	_	_	_	_	_	_	
24 124 124 125 25 125 125 126 27 77 127 127 127 28 78 128 128 127 128 29 79 129 129 129 129 129 130 130 131 131 131 131 131 132 132 132 133 133 133 133 134 134 133 134 134 135 135 135 135 135 136 137 137 137 138 138 138 138 139 140 141 141 141 141 141 142 142 142 143 144			_	_	4	4	_	_	\Box	_	4		72	\sqcup	_	_	-	Ш	_	_	_	L		122				_				_	_
25 125 125 126 27 126 126 127 127 28 128 128 128 129 129 129 129 130 130 130 131 131 131 131 131 131 131 131 131 132 132 133 133 133 133 133 134 134 134 135 135 136 137 136 137 137 138 139 139 139 140 141 141 141 142 143 144<			_	4	4	4	_	-	-	-	4			\vdash	4	-	4	\vdash	-	-	_	L	_		_	-	_	_		_		\dashv	\dashv
26 126 126 127 27 128 127 128 29 129 129 129 30 131 130 131 31 132 133 131 32 133 131 132 33 134 132 133 34 134 134 134 35 85 136 135 36 86 136 137 38 88 137 138 39 90 140 141 41 90 140 141 41 92 142 141 43 94 94 144 144			-	+	4	-	\dashv	-	-	-	_				-	+	4	Н	\dashv		4	-						_			\sqcup	-	\dashv
27 127 127 128 128 128 128 129 129 129 129 129 129 130 130 130 131 131 131 131 131 131 131 132 132 132 133 133 133 133 133 133 133 133 133 133 133 134 134 134 134 134 134 135 135 135 135 136 137 137 137 138 138 138 138 138 138 139 139 140 140 141 141 142 142 143 144 14			-	+	+	\dashv	-	_	-	\dashv	-			\vdash	+	+	+	Н	4	\dashv	-	⊢				-		\dashv		-		\dashv	\dashv
28 78 79 128 129 129 130 131 131 131 131 132 132 133 133 133 133 134 134 134 135 136 136 136 136 136 136 137 136 137 136 137 136 137 138 138 138 138 139 139 139 139 139 140 141 141 142 142 143 144 14			+	+	+	\dashv	\dashv	-	\vdash	\dashv				\vdash	+	_	+-	\vdash	-	-	_	H				 }				-		\dashv	\dashv
29 79 129 30 80 130 31 81 131 32 82 132 83 133 34 84 134 35 85 135 36 86 136 37 87 137 38 88 138 39 88 138 40 90 140 41 91 141 42 92 142 43 93 143 44 94 144				+	+	-	\dashv		-	\dashv	\dashv	-		\vdash	-	-		-		-	-	┝			-					_	-	\dashv	\dashv
30 31 80 31 33 33 33 33 34 35 35 36 37 38 86 37 38 39 <td< td=""><td></td><td></td><td>-</td><td>+</td><td>+</td><td>\dashv</td><td>┥</td><td>\vdash</td><td>Н</td><td>\rightarrow</td><td></td><td>\vdash</td><td></td><td>\vdash</td><td>+</td><td>+</td><td>+</td><td>Н</td><td>\dashv</td><td>-</td><td>\dashv</td><td>-</td><td></td><td>120</td><td>\dashv</td><td>-</td><td>\dashv</td><td>\dashv</td><td></td><td>\dashv</td><td>ᅱ</td><td>\dashv</td><td>\dashv</td></td<>			-	+	+	\dashv	┥	\vdash	Н	\rightarrow		\vdash		\vdash	+	+	+	Н	\dashv	-	\dashv	-		120	\dashv	-	\dashv	\dashv		\dashv	ᅱ	\dashv	\dashv
31 32 33 33 33 33 34 35 36 35 36 37 38 39 <td< td=""><td></td><td></td><td>-+-</td><td>-</td><td>+</td><td>\dashv</td><td>\dashv</td><td>-</td><td>Н</td><td>\rightarrow</td><td>\dashv</td><td>\vdash</td><td></td><td>Н</td><td>\dashv</td><td>+</td><td>┿</td><td>Н</td><td>\dashv</td><td>\dashv</td><td>-</td><td>-</td><td>-</td><td></td><td>\dashv</td><td>\dashv</td><td>\dashv</td><td>\dashv</td><td>\dashv</td><td>\dashv</td><td>\dashv</td><td>ᅱ</td><td>\dashv</td></td<>			-+-	-	+	\dashv	\dashv	-	Н	\rightarrow	\dashv	\vdash		Н	\dashv	+	┿	Н	\dashv	\dashv	-	-	-		\dashv	\dashv	\dashv	\dashv	\dashv	\dashv	\dashv	ᅱ	\dashv
32 82 132 133 33 84 133 133 35 85 135 134 36 86 135 135 37 87 136 136 38 87 137 137 38 88 138 138 39 89 139 139 40 90 140 141 41 91 141 141 42 92 142 143 43 94 144 144			+	+	+	\dashv	-		\vdash	\dashv	\dashv	-		\vdash	-	+-	+	\vdash	-	-+		\vdash			\dashv	\dashv	\dashv			\dashv	\dashv	\dashv	\dashv
33 83 133 134 134 134 134 134 135 135 136 136 136 136 136 136 136 136 136 136 137 137 137 137 138 138 138 138 138 138 138 139 139 139 139 140 140 141 141 142 142 143 143 144 1			+	+	+	+	_			\dashv	\dashv	-		\vdash	+	+	+	Н	\dashv	+	\dashv	⊢				\dashv		\dashv	\dashv		\dashv	\dashv	\dashv
34 84 134 135 35 86 135 136 37 86 136 137 38 87 137 137 39 88 138 138 40 90 140 140 41 91 141 141 42 92 142 143 43 93 143 144			\dashv	+	+	\dashv	\dashv	\dashv	\vdash	+	\dashv			\vdash	+	+	+	\vdash	\dashv	\dashv	\dashv	⊦	-		-	-+			\dashv	_	-	\dashv	\dashv
35 85 135 36 86 136 37 86 136 38 87 137 88 138 40 90 140 41 91 141 42 92 142 43 93 143 44 94 144			+	+	+	\dashv	\dashv	-	\vdash	\dashv	\dashv	-		\vdash	十	+	+	\vdash	-	+	\dashv	⊢	\dashv		\dashv	+	\dashv	ᅱ					\dashv
36 37 38 37 38 39 38 39 38 39 <td< td=""><td></td><td></td><td>_</td><td>+</td><td>+</td><td>\dashv</td><td>┪</td><td>\dashv</td><td></td><td>+</td><td>\dashv</td><td></td><td></td><td>\vdash</td><td>+</td><td>+</td><td>+-</td><td>+</td><td>\dashv</td><td>\dashv</td><td>\dashv</td><td>\vdash</td><td>\dashv</td><td></td><td>\dashv</td><td>\dashv</td><td>\dashv</td><td>ᅱ</td><td>-</td><td>\dashv</td><td>-</td><td>\dashv</td><td>\dashv</td></td<>			_	+	+	\dashv	┪	\dashv		+	\dashv			\vdash	+	+	+-	+	\dashv	\dashv	\dashv	\vdash	\dashv		\dashv	\dashv	\dashv	ᅱ	-	\dashv	-	\dashv	\dashv
37 87 38 88 39 89 40 90 41 91 42 92 43 93 44 94			\dashv	+	+	\dashv	\dashv	\dashv	\vdash	\dashv	\dashv	-		\forall	\dashv	+	+	Н	\dashv	+	\dashv	\vdash	\dashv		\dashv	-+	-	\dashv	\dashv	\dashv	\dashv	\dashv	\dashv
38 88 39 138 40 90 41 91 42 92 43 93 44 94			+	+	+	\dashv	\dashv	\dashv	\vdash	\dashv	\dashv	\vdash		\vdash	\dashv	十	+	Н	\dashv	\dashv	\dashv	\vdash				\dashv	-		\dashv	\dashv	\dashv	\dashv	\dashv
39 89 40 90 41 91 42 92 43 93 44 94			+	╅	$^{+}$	+	-		\dashv	\dashv	\dashv			\vdash	+	+	+	Н	\dashv	\dashv	\dashv	\vdash			\dashv	\dashv	\dashv	\dashv	┪	\dashv	\dashv	一	\dashv
40 90 41 91 42 92 43 93 44 94			\dashv	+	$^{+}$	\dashv	7			\dashv	\dashv			\vdash		+-	\top	Н	\dashv	\dashv	\dashv	一			\dashv	\dashv	┪	\dashv	_	ᅥ	\dashv	\dashv	ᅱ
41 91 42 92 43 93 44 94	40	ŏ	\top	+	+	寸	-+			十	\dashv			\vdash	\dashv	+	+	Н	十	\dashv	\dashv	\vdash		140	-	-	-	_	\dashv	\dashv	\dashv	\dashv	ᅱ
42 92 43 93 44 94	4	1	\top	\top	十	十	\dashv	-		\dashv	\dashv		91	\vdash	_		+	\vdash	\dashv	\dashv	\dashv	\vdash		141	\dashv	7	_	\dashv	\dashv	\dashv	\dashv	十	ᅱ
43 93 143 144 144 144 144 144 144 144 144 14			\dashv	+	\dagger	\dashv	\dashv	\dashv	-	\dashv	\dashv			H	十	\top	+	\vdash	\dashv	\dashv	\dashv	上	-	142	一	-1	\neg	\dashv	\dashv	一	一	一	ᅱ
44 94 144 144 1	43	3	十	\top	\dagger	十	寸	一		\dashv	\dashv			\vdash	十	+	1	\vdash	一	\dashv	\dashv	\vdash	\neg	143	一	一	_	\neg	\dashv	一	\dashv	_	ᅱ
	4/	4	\top	十	\dagger	一	\dashv	一	\dashv	\dashv	\dashv		94	\vdash	\top	\top	1	\Box	\dashv	\dashv	\dashv	\vdash	\dashv		\dashv	\dashv	_	\dashv	\dashv			\dashv	ᅱ
	45	5	十	十	+	十	┪	ᅥ	\vdash	+	\dashv		95		_	+	\top	\vdash	\dashv	_	\dashv	\vdash	\neg	145	\dashv	_	┪	\neg	_	-	-	\dashv	\dashv
46 146 146			\dashv	\top	\top	\dashv	7	一	ᅥ	_	7	\Box		\vdash	\dashv	\top	T	\vdash	寸	+	\dashv	上	\neg	146	+	\dashv	7		寸	7	-	一	ᅱ
47 97 147	47	7	+	\top	\dagger	\top	\dashv	一	\dashv	\top	\dashv			\sqcap	\top	十	†	П	\dashv	\dashv	\dashv	一		147	_†	7	7	寸	一	\neg	_	一	ᅱ
48 14	48	8	\top	+	\dagger	十	\dashv	_	\dashv	\dashv	\dashv		98	\vdash	+	十	\top	\vdash	_	+	\dashv	一	\dashv	148	\dashv	_	\dashv	寸	Ħ	_		寸	\dashv
49 99 149	49	9	1	1	十	\neg	\neg	一	\neg	$\neg \vdash$	┨			\Box	\top	\top	T	П	寸	\top	\dashv		\neg		-1	1	7	\dashv	寸	一	\dashv	7	\dashv
50 100 150	50	0		1	十	一		7		\neg	┨		100	\sqcap	十	\top	1	П	寸	\top	7			150	-1	1	\dashv	7		\dashv	\neg	一	ᅱ